

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S5	0	("2004/0093978").URPN.	USPAT	AND	ON	2006/05/24 16:14
S6	37944	spherical mount	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/24 16:22
S7	921	spherical near3 mount	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/24 16:23
S8	3	spherical near3 mount with brace	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/24 16:24
S10	2112	spherical near3 connection	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/24 16:26
S9	54	spherical near3 mount with rod	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/24 16:26
S11	56	spherical near3 connection with bar	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/24 16:32
S12	39	spherical near3 connection with clamp	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/24 16:36
S13	0	("2388860").URPN.	USPAT	AND	ON	2006/05/24 16:40
S17	0	"handlebar" with brace with spher\$5	USPAT	AND	ON	2006/05/24 16:41
S16	0	"handlebar" with brace with spherical	USPAT	AND	ON	2006/05/24 16:41
S18	20	("4082345"   "4087110"   "4166650").PN. OR ("4379584").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/24 16:45
S19	25	("3904238"   "4066291"   "4087110"   "4166650"   "4331358"   "4353590"   "4355838"   "4379584"   "4461508"   "4479663"   "4529242"   "4696509"   "4707017"   "5174626"   "5409287"   "D266159"   "D284564").PN. OR ("5855404").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/24 17:09
S20	27	("2352727"   "3081127"   "3350045"   "3627248"   "3819226"   "3891265").PN. OR ("4087110").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/24 17:11
S21	13	("4010976"   "4082345"   "Re23039").PN. OR ("4479663").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/24 17:15
S22	18	("3154342"   "3801152"   "3866971"   "3904238").PN. OR ("4022487").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/25 09:29
S23	25	("1537039"   "1967039"   "2123125"   "2147855"   "2210147"   "2419306"   "3097882"   "4033245"   "4085665"   "4086012"   "4087110"   "4121495"   "4247173"   "4379584"   "4515336").PN. OR ("4700919").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/25 11:28

## EAST Search History

S24	0	"403""."131".ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/25 11:29
S26	12	("0499525"   "0499526"   "3216553"   "3300303").PN. OR ("4513857").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/25 11:31
S14	741	"handlebar" brace	USPAT	AND	ON	2006/05/25 11:50
S29	28	("0610328"   "0822487"   "2004089"   "4635499"   "4903542"   "D030821"   "D101953"   "D301027").PN. OR ("5117708"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/25 11:51
S28	8	"handlebar" with "cross brace"	USPAT	AND	ON	2006/05/25 11:53
S30	9	"handle bar" with "cross brace"	USPAT	AND	ON	2006/05/25 11:55
S32	302	"handle bar" with "clamp"	USPAT	AND	ON	2006/05/25 12:34
S31	251	"handle bar" with "attachment"	USPAT	AND	ON	2006/05/25 12:34
S34	1	("5154095").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/25 18:15
S33	49	("2593974"   "2771145"   "3229782"   "3354975"   "3623749"   "3645558"   "3964563").PN. OR ("4076270").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/25 18:15
S36	232	perpendicular with bar with fitting	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/30 11:20
S37	17	"two piece pipe clamp"	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/30 11:31
S38	0	"two piece clamp" with handlebar	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/30 11:32
S39	7	"two piece clamp" with handle bar	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/30 11:33
S40	8	"two piece clamp" near4 bar	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/30 11:34
S41	40	"two piece" with clamp near4 bar	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/30 14:11
S42	322	403/76.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/30 14:52
S43	350	"two piece" "pipe joint"	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/30 14:54
S44	71	"two piece" "pipe T"	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/30 15:39
S45	980	"two piece" pipe with coupling	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/30 15:43

## EAST Search History

S47	761	handlebar with attachment	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/30 15:51
S46	65	"two piece" pipe with coupling with clamp	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/30 15:51
S48	106	handlebar with attachment with clamp	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/30 16:04
S50	10	renthal.as.	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/30 16:08
S49	151	handlebar with brace	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/30 16:08
S51	78	"two piece" with pipe with fitting	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/31 17:10
S52	10	("4421347"   "4557509"   "4768813"   "5004275"   "5215337"   "5605357"   "5769467"   "5911446"   "6131957"   "6161878").PN. OR ("6450551").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/31 17:12
S54	0	403/3885.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/01 15:28
S53	683	403/388.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/01 15:28
S55	377	403/385.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/01 15:32
S57	476	two with portion with handlebar	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/01 15:43
S59	77	two with portion with handlebar with support	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/01 15:46
S58	10	two with portion with handlebar with brace	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/01 15:46
S60	8	("5064157"   "5495928"   "5685201"   "5832785"   "D213163"   "D315132").PN. OR ("D431803").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/01 15:52
S61	23	("1445995"   "1738855"   "2505648"   "3092407"   "3312493"   "3414223"   "3650544"   "4063701"   "4250770"   "4513923").PN. OR ("5064157").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/01 17:01
S62	31	("0586678"   "0944932"   "1445995"   "1448921"   "1660131"   "1994837").PN. OR ("4250770").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/01 18:39

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S63	23	("1445995"   "1738855"   "2505648"   "3092407"   "3312493"   "3414223"   "3650544"   "4063701"   "4250770"   "4513923").PN. OR ("5064157").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/01 18:45
S64	140	handlebar with crossbar	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/01 18:48
S65	1	mount \with "Ball and socket"	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/01 18:49
S67	5	"Jim O'Neal Distributing".as.	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/01 19:02
S66	11	("2594242"   "2922609"   "4776018").PN. OR ("4984278").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/01 19:02
S68	8	("5064157"   "5495928"   "5685201"   "5832785"   "D213163"   "D315132").PN. OR ("D431803").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/01 19:14
S69	425	74/551.8.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/24 14:34
S25	374	403/131.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/24 15:06
S70	16	("3409317").URPN.	USPAT	AND	ON	2006/10/24 15:34
S71	11	("2652221").URPN.	USPAT	AND	ON	2006/10/24 15:55
S72	0	("173458").URPN.	USPAT	AND	ON	2006/10/24 16:24
S56	632	403/400.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/25 10:52
S74	500	74/551.1.ccls.	US-PGPUB; USPAT	AND	ON	2006/10/25 10:55
S73	612	74/551.1.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/25 10:55
S75	20	("0575936"   "0604371"   "0630069"   "1068158"   "3481218"   "3505901"   "3937629"   "4417745"   "5144859"   "5199322"   "5257552"   "5435204"   "D412306").PN. OR ("6748821").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/25 10:56
S77	622	403/388	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/25 11:30
S76	23	("1445995"   "1738855"   "2505648"   "3092407"   "3312493"   "3414223"   "3650544"   "4063701"   "4250770"   "4513923").PN. OR ("5064157").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/25 11:30
S78	455	403/388.ccls.	US-PGPUB; USPAT	AND	ON	2006/10/25 11:41
S79	204	403/398.ccls.	US-PGPUB; USPAT	AND	ON	2006/10/25 11:46

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S81	504	403/290.ccls.	US-PGPUB; USPAT	AND	ON	2006/10/25 11:49
S80	168	403/289.ccls.	US-PGPUB; USPAT	AND	ON	2006/10/25 11:49
S82	15	("1870112"   "2077821"   "2806724"   "3356988"   "3397382"   "3636504").PN. OR ("3757283").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/25 11:57
S83	29	("0610328"   "0822487"   "2004089"   "4635499"   "4903542"   "D030821"   "D101953"   "D301027").PN. OR ("5117708"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/12/21 11:35
S84	2	("4802751").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 11:38
S87	1	10/688919	US-PGPUB; USPAT	AND	ON	2007/02/28 15:13
S86	0	(10/688919).CCLS.	US-PGPUB	OR	OFF	2007/02/28 15:13
S85	0	("10688919").PN.	US-PGPUB	OR	OFF	2007/02/28 15:13
S88	23	("1445995"   "1738855"   "2505648"   "3092407"   "3312493"   "3414223"   "3650544"   "4063701"   "4250770"   "4513923").PN. OR ("5064157").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/28 15:47
S89	8	("5064157"   "5495928"   "5685201"   "5832785"   "D213163"   "D315132").PN. OR ("D431803").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/28 15:49
S90	24	("0610328"   "0822487"   "1331875"   "2004089"   "2216833"   "4635499"   "4852423"   "4903542"   "5117708"   "5257552"   "D030821"   "D101953"   "D301027").PN. OR ("5832785").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/28 15:55
S91	10	Renthal near1 Limited.as.	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/28 16:01
S93	0	crossbrace with handlebar same mount	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2007/02/28 16:03
S92	0	crossbrace with handlebar with mount	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2007/02/28 16:03
S95	1	crossbrace with handlebar with clamp	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2007/02/28 16:05
S97	31	("0586678"   "0944932"   "1445995"   "1448921"   "1660131"   "1994837").PN. OR ("4250770").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/28 16:12

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S98	54	("1413530"   "2536071"   "2588671"   "3944924"   "3947954"   "4059207"   "4250770"   "4359233"   "4436350"   "4445228"   "4469256"   "4473251"   "4558460"   "4573573"   "4600208"   "4687072"   "4750658"   "4766980"   "4796716"   "4856364"   "4981243"   "5001779"   "5044993"   "5114060"   "5222752"   "5277427"   "5286130"   "5419478"   "5458647"   "5487497"   "5542589"   "5556222"   "5651485"   "5664716"   "5732965"   "5771305"   "5823557"   "5829656"   "5842714"   "5881936"   "5897040"   "6017071"   "6022164"   "6029874"   "6138533"   "6176339"   "6305590"   "6561400").PN. OR ("6783040").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/28 16:13
S10 0	65	S99 sphr\$4	USPAT	AND	ON	2007/02/28 16:25
S99	883	"handlebar" with clamp\$4	USPAT	AND	ON	2007/02/28 16:25
S15	98	"handlebar" with brace	USPAT	AND	ON	2007/02/28 16:25
S10 1	42	("0600642"   "0958052"   "1227258"   "1280013"   "1555659"   "1735212"   "1837259"   "2727137"   "3278146"   "3612456"   "3750241"   "3843083"   "4074402"   "4307864"   "4410155"   "4461439"   "4557447"   "4895329"   "4948074"   "4986001"   "5037052"   "5413007"   "5441225"   "5855388"   "5860728"   "6189229"   "6286797"   "6331089"   "6386786"   "D255225"   "D257122"   "D367418").PN. OR ("6938865"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/28 16:27
S10 2	12	("0892105"   "1280013"   "3228639"   "3843083"   "4195806").PN. OR ("5441225"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/28 16:31
S10 3	26	("892105").URPN.	USPAT	AND	ON	2007/02/28 16:36
S10 4	9	("0892105"   "5645253"   "5803642"   "5895874"   "5973248"   "6054645"   "6075190"   "6093878").PN. OR ("6653540"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/28 16:37

## EAST Search History

S10 5	65	("0596729"   "0675106"   "0855149"   "0892105"   "1280013"   "1359645"   "1455441"   "1934223"   "2114767"   "2121317"   "2560556"   "2561923"   "2650788"   "2710609"   "2910260"   "3096061"   "3841769"   "3843272"   "4066231"   "4222680"   "4225258"   "4304403"   "4307864"   "4461284"   "4491435"   "4585197"   "4620813"   "4796508"   "4842308"   "4872630"   "4941638"   "5071279"   "5073417"   "5092551"   "5098432"   "5251859"   "5270911"   "5412035"   "5419522"   "5845885"   "5897417"   "5937881"   "6109815"   "6238124"   "6346665"   "6382865").PN. OR ("6581892").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/28 16:51
S10 6	70	("0363525"   "0555183"   "0568406"   "0577156"   "0578014"   "0606914"   "0926114"   "0958052"   "0973319"   "1186428"   "1393158"   "1449509"   "1722773"   "2029532"   "2442736"   "2533867"   "3194526"   "3392983"   "3539234"   "3584822"   "3843083"   "3972396"   "4170337"   "4304251"   "4321660"   "4357651"   "4399498"   "4477865"   "4506317"   "4694848"   "4834137"   "4980805"   "5062026"   "5109321"   "5128841"   "5144546"   "5181774"   "5184884"   "5270911").PN. OR ("5660363").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/28 16:56
S11 0	0	("5257552 5950497").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/28 17:32
S10 9	0	("52575525950497").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/28 17:32
S10 8	0	("5,257,5525,950,497").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/28 17:32
S10 7	6	("5117708" "5832785" "6182528" "6644144" "6 668681" "6742795").PN.	US-PGPUB; USPAT	AND	ON	2007/02/28 17:32
S11 2	2	("5950497").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/28 17:33
S11 1	2	("5257552").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/28 17:33
S96	20	crossbar with handlebar with clamp	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2007/02/28 18:11

## EAST Search History

S11 5	156	crossbar with handlebar	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2007/02/28 18:12
S11 4	5	crossbrace with handlebar	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2007/02/28 18:12
S11 3	1	crossbrace with handlebar with clamp	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2007/02/28 18:12
S11 6	23	("1445995"   "1738855"   "2505648"   "3092407"   "3312493"   "3414223"   "3650544"   "4063701"   "4250770"   "4513923").PN. OR ("5064157").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/28 18:15
S11 7	31	("0586678"   "0944932"   "1445995"   "1448921"   "1660131"   "1994837").PN. OR ("4250770").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/28 18:20
S11 8	25	("0025682"   "0718641"   "1445995"   "1448921"   "1738855"   "3537150"   "4250770"   "4637605"   "4723053"   "4903542"   "5163339").PN. OR ("5315895"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/28 18:21
S11 9	7	("1445995").URPN.	USPAT	AND	ON	2007/02/28 18:23
S12 0	26	("892105").URPN.	USPAT	AND	ON	2007/02/28 18:25
S12 1	9	("0892105"   "5645253"   "5803642"   "5895874"   "5973248"   "6054645"   "6075190"   "6093878").PN. OR ("6653540"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/28 18:26
S12 2	11	("0892105"   "4620813"   "4980805"   "5112071"   "5230580"   "5330283"   "5660363"   "5788394").PN. OR ("5954354"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/28 18:30
S12 3	25	("1537039"   "1967039"   "2123125"   "2147855"   "2210147"   "2419306"   "3097882"   "4033245"   "4085665"   "4086012"   "4087110"   "4121495"   "4247173"   "4379584"   "4515336").PN. OR ("4700919").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/28 18:32
S12 4	26	("892105").URPN.	USPAT	AND	ON	2007/03/01 12:21
S12 6	1	2002/0166935	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/01 12:29



## EAST Search History

S12 5	65	("0596729"   "0675106"   "0855149"   "0892105"   "1280013"   "1359645"   "1455441"   "1934223"   "2114767"   "2121317"   "2560556"   "2561923"   "2650788"   "2710609"   "2910260"   "3096061"   "3841769"   "3843272"   "4066231"   "4222680"   "4225258"   "4304403"   "4307864"   "4461284"   "4491435"   "4585197"   "4620813"   "4796508"   "4842308"   "4872630"   "4941638"   "5071279"   "5073417"   "5092551"   "5098432"   "5251859"   "5270911"   "5412035"   "5419522"   "5845885"   "5897417"   "5937881"   "6109815"   "6238124"   "6346665"   "6382865").PN. OR ("6581892").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/01 12:29
S12 7	7	09/855171	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/01 13:33
S13 2	524	403/290.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/03/01 13:34
S13 1	220	403/289.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/03/01 13:34
S13 0	208	403/398.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/03/01 13:34
S12 9	465	403/388.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/03/01 13:34
S12 8	0	403/388, "398", "289", "290".ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/03/01 13:34
S13 3	391843	(S129 or S130 or S131 or S132) taper or conical	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/03/01 13:35
S13 4	153	(S129 or S130 or S131 or S132) (taper or conical)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/03/01 13:37
S13 6	102	S134 not S135	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/03/01 13:38
S13 5	51	S134 clamp	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/03/01 13:38

## EAST Search History

S13 7	23	("1445995"   "1738855"   "2505648"   "3092407"   "3312493"   "3414223"   "3650544"   "4063701"   "4250770"   "4513923").PN. OR ("5064157").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/01 13:43
S13 8	8	("5064157"   "5495928"   "5685201"   "5832785"   "D213163"   "D315132").PN. OR ("D431803").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/01 13:44
S13 9	26	("892105").URPN.	USPAT	AND	ON	2007/03/02 13:23
S14 0	73	("0892105"   "1317903"   "1531162"   "1601447"   "1965601"   "2296699"   "2533494"   "2662335"   "2674501"   "3102367"   "3392480"   "3433510"   "3477167"   "3487579"   "3550311"   "3605322"   "3691788"   "3777393"   "3791091"   "4548590"   "4606732"   "4620813"   "4739648"   "4789369"   "5049104"   "5172534"   "5280871"   "5322467"   "5368592"   "5588767").PN. OR ("5897417").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/02 13:24
S4	12	74/551.8.ccls. cross brace	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/06 10:49
S14 1	1226	248/214.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/06 10:50
S14 4	20	S141 taper	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/03/06 11:27
S14 3	10	S141 spher\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/03/06 11:27
S14 6	2	("3343429" "5282775").PN.	USPAT	AND	ON	2007/03/06 11:34
S14 5	0	("2004/0217243").URPN.	USPAT	AND	ON	2007/03/06 11:34
S14 7	9	("1982404" "20020138987" "20050000089" "20060156526" "20060200987" "4563802" "4590652" "6055788" "6131266" "6293134" "6609649" "6799371" "7103954").PN.	USPAT	AND	ON	2007/03/06 11:41
S14 9	8	S148 taper	USPAT	AND	ON	2007/03/06 11:42
S15 0	12	("926114").URPN.	USPAT	AND	ON	2007/03/06 11:51
S14 8	256	248/230.5.ccls.	USPAT	AND	ON	2007/03/06 12:01
S15 3	3	S152 taper	USPAT	AND	ON	2007/03/06 12:32
S15 1	193	248/231.61.ccls.	USPAT	AND	ON	2007/03/06 12:32

## EAST Search History

S15 4	43	("2291219"   "3521332"   "3747166"   "3843083").PN. OR ("4736921").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/06 12:37
S15 5	84	52/655.2.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/03/06 13:00
S15 2	61	248/229.24.ccls.	USPAT	AND	ON	2007/03/06 13:00
S15 7	198	52/653.2.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/03/06 13:01
S15 6	448	52/655.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/03/06 13:01
S15 9	43	S158 taper	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/03/06 13:02
S15 8	649	S155 or S156 or S157	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/03/06 13:02
S16 0	37	("1471520"   "2001215"   "3002590"   "3912410"   "3982841"   "4012153"   "4313687"   "4322176"   "4340318"   "4355918"   "4379649"   "4438615"   "4505609"   "4637193"   "4648734"   "4677804"   "4822199"   "4864795"   "4867596"   "4915532"   "4923322"   "4932808"   "5051019"   "5125206"   "5127758"   "5165207"   "5310273"   "5356234"   "5568993"   "5640811"   "5651630"   "5700102"   "5904437").PN. OR ("6722086").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/06 13:04
S16 2	595	S158 not (S159 or S160 or S161)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/03/06 13:12
S16 1	11	("4129975"   "4313687"   "4626123").PN. OR ("4781644").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/06 13:12
S16 3	50	("0052843"   "0365329"   "1070165"   "1159039"   "1579159"   "1946408"   "2280121"   "2904360"   "2976968"   "3013244"   "3150891"   "3152819"   "3275351"   "3458949"   "3688461"   "3791091"   "3864049"   "3966342"   "3980408"   "3982841"   "4027449"   "4077419"   "4094417"   "4122646"   "4313687"   "4338615"   "4353662"   "4480418"   "4485597"   "4591286").PN. OR ("5095677").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/06 14:03

## EAST Search History

S16 4	2	("3013244").URPN.	USPAT	AND	ON	2007/03/06 14:04
S16 5	37	("0596207"   "0892105"   "2715766"   "2828758"   "2905187"   "3013244"   "3625553"   "D193235"   "D197055"   "D214226"   "D220991").PN. OR ("4222680"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/06 14:06
S16 6	22	("3124971"   "3240516"   "3827205"   "3835608"   "3982372"   "4111568"   "4199179"   "4222680").PN. OR ("4438612"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/06 14:07
S16 7	2	("1070165").URPN.	USPAT	AND	ON	2007/03/06 14:11
S17 1	166	S169 or S170	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/03/06 14:21
S16 8	2	("1070165").URPN.	USPAT	AND	ON	2007/03/06 14:21
S16 9	66	248/181.2.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/03/06 14:22
S17 0	100	248/228.5.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/03/06 14:27
S17 3	225	52/81.3.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/03/06 14:40
S17 2	5	S170 taper\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/03/06 14:40